in Delhi and other metro cities meets the national ambient air quality standards in respect of Sulphur Dioxide (SO_2) and Oxide of Nitrogen (NOx). However, Suspended Particulate Matter (SPM) and Respirable Suspended Particulate Matter (RSPM) exceed the national ambient air quality standards at many places.

Monitoring of quality of water

1851. SHRI RAVULA CHANDRA SEKAR REDDY: Will the Minister of ENVIRONMENT AND FORESTS be pleased to state:

(a) whether Government are ensuring the monitoring of water quality in all areas;

(b) if so, the details thereof;

(c) the role being played by NGOs in this regard;

(d) what is the present status of National River Conservation Plan (NRCP), State-wise, river-wise and town-wise; and

(e) the present status of Ganga Action Plan?

THE MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT AND FORESTS (SHRI NAMO NARAIN MEENA): (a) to (c) The Central Pollution Control Board alongwith State Pollution Control Boards is monitoring the water quality of different water bodies at 1019 locations covering 26 States and 6 UTs in the country. The monitoring is conducted on monthly and quarterly basis in surface waters and on half yearly basis in respect of ground water. The present monitoring network includes 592 locations on rivers, 65 on lakes, 321 wells and remaining on tanks, canals, ponds, creeks and drains. The water quality is assessed based on physico-chemical and biological analysis. Regular water quality trends are brought out for evaluation and for taking corrective measures for prevention of water pollution.

The water quality monitoring is also carried out under National River Conservation Plan (NRCP) through reputed academic/research institutions to evaluate the impact of pollution abatement schemes taken up for Indian rivers Besides, Central Water Commission, Central and State Ground Water Boards, research institutions and laboratories under various NGOs are also carrying out monitoring of water bodies for various objectives.

(d) A Centrally Sponsored Scheme of NRCP is under implementation by Ministry of Environment and Forests in 160 towns located along polluted stretches of 34 rivers spread over 20 States at a cost of Rs. 4735.42 crore on 70:30 cost sharing between the Centre and respective State Government. The number of pollution abatement schemes sanctioned so far under the NRCP is 940, out of which 582 schemes have been reported to be completed. These schemes include installation of Sewage Treatment Plants, Interception and Diversion of Sewage, Low Cost Sanitation, Improved Wood Crematoria, River Front Development etc. A total sewage treatment capacity of 1872 million litres per day (mld) has been created under NRCP, besides 865 mld already created under the first phase of Ganga Action Plan. The pollution abatement works under NRCP are in various stages of progress in different States. The State-wise, river-wise and town-wise details of NRCP is given at Statement (*See* below).

(e) Under the Ganga Action Plan, 639 schemes of pollution abatement have been completed leading to the creation of an additional sewage treatment capacity of 1693 million litres per day (mld). In order to tackle the uncovered load in the river, Government has prepared a Master Plan and conducted the feasibility studies for sewerage (including sewage treatment) and non-sewerage components for four towns namely, Kanpur, Lucknow, Allahabad and Varanasi. Japan International Cooperation Agency has conducted a Development Study in this regard. A loan agreement has been signed between Government of India and Japan Bank for International Cooperation for further implementation of the pollution abatement works in river Ganga at Varanasi. Assistance has also been sought from the above agency for similar projects at Allahabad, Lucknow and Kanpur.

In spite of phenomenal increase in the urban population leading to substantial increase in pollution load of river Ganga over the past years, water quality of the river has shown improvement compared to that of pre Ganga Action Plan.

Statement

State-wise and Town-wise details under National River Conservation Plan

Sl. No.	State/Town	River No.	River
1	2	3	4
I	**ANDHRA PRADESH**		
1.	Bhadrachalam	1	Godavari
2.	Mancharial		Godavari
3.	Rajamundry		Godavari
4.	Ramagundam		Godavari
5.	Hyderabad	2	Musi
II	**BIHAR**		
6.	Arrah	3	Ganga
7.	Barahya		Ganga
8.	Barh		Ganga
9.	Bhagalpur		Ganga
10.	Buxar		Ganga
11.	Chhapra		Ganga
12.	Fatwah		Ganga
13.	Hazipur		Ganga
14.	Kahelgaon		Ganga
15.	Mokamah		Ganga
16.	Munger		Ganga
17.	Patna		Ganga
18.	Sultanganj		Ganga
III	**DELHI**		
19.	Delhi	4	Yamuna

1	2	3	4
	YAP-II		Yamuna
IV	**GOA**		
20.	Panaji	5	Mandovi
V	**GUJARAT**		
21.	Ahmedabad	6	Sabarmati
VI	**HARYANA**		
22.	Chhchhrauli		Yamuna
23.	Faridabad		Yamuna
24.	Gharaunda		Yamuna
25.	Gohana		Yamuna
26.	Gurgaon		Yamuna
27.	Indri		Yamuna
28.	Karnal		Yamuna
29.	Palwal		Yamuna
30.	Panipat		Yamuna
31.	Radaur		Yamuna
32.	Sonepat		Yamuna
33.	Yamunanagar-YAP-II		Yamuna
VII	**JHARKHAND**		
34.	Ghatshila	7	Subarnarekha
35.	Jamshedpur		Subarnarekha
36.	Ranchi		Subarnarekha
37.	Bokaro-Kangali	8	Damodar
38.	Chicunda		Damodar
39.	Dugdha		Damodar
40.	Jharia		Damodar
41.	Ramgarh		Damodar

1	2	3	4
42.	Sahebganj		Ganga
43.	Sindri		Damodar
44.	Sudamdih		Damodar
45.	Telmumochu		Damodar
VIII	**KARNATAKA**		
46.	Bhadravati	9	Bhadra
47.	Davanagere	10	Tungabhadra
48.	Harihara		Tungabhadra
49.	K.R.Nagar	11	Cauvery
50.	Kollegal		Cauvery
51.	Nanjangud		Cauvery
52.	Shimoga	12	Tunga
53.	Sri Rangapatna		Cauvery
54.	Bangalore	13	Pennar
IX	**KERALA**		
55.	Pamba	14	Pamba
X	**MADHYA PRADESH**		
56.	Bhopal	15	Betwa
57.	Burhanpur	16	Tapti
58.	Chapara	17	Wainganga
59.	Indore	18	Khan
60.	Jabalpur	19	Narmada
61.	Keolari		Wainganga
62.	Mandideep		Betwa
63.	Nagda	20	Chambal
64.	Seoni		Wainganga
65.	Ujjain	21	Kshipra
66.	Vidisha		Betwa

1	2	3	4
XI	**MAHARASHTRA**		
67.	Karad	22	Krishna
68.	Nanded		Godavari
69.	Nashik		Godavari
70.	Sangli		Krishna
71.	Trimbakeshwar		Godavari
XII	**NAGALAND**		
72.	Dimapur	23	Diphu and Dhansiri
XIII	**ORISSA**		
73.	Chandbali	24	Brahamini
74.	Cuttack	25	Mahanadi
75.	Dharamshala		Brahamini
76.	Talcher		Brahamini
77.	Puri		Coastal Area
XIV	**PUNJAB**		
78.	Jalandhar	26	Satluj
79.	Ludhiana		Satluj
80.	Phagwara		Satluj
81.	Phillaur		Satluj
82.	Kapurthala		Satluj
83.	Sultanpur Lodhi		Satluj
XV	**RAJASTHAN**		
84.	Keshoraipatta		Chambal
85.	Kota		Chambal

1	2	3	4
XVI	**SIKKIM**		
86.	Gangtok	27	Rani Chu
XVII	**TAMIL NADU**		
87.	Bhawani		Cauvery
88.	Chennai	28,29	Adyal, Cooum
89.	Erode		Cauvery
90.	Kumarapalayam		Cauvery
91.	Palli Palayam		Cauvery
92.	Trichy		Cauvery
93.	Karur		Cauvery
94.	Kumbakonam		Cauvery
95.	Myladuthurai		Cauvery
96.	Tiruchirappalli		Cauvery
97.	Thanjavur	30	Vennar
98.	Madurai	31	Vaigai
99.	Tirunelveli	32	Tamrabarani
XVIII	**UTTAR PRADESH**		
100.	Agra		Yamuna
101.	Allahabad		Ganga
102.	Anupshaher		Ganga
103.	Bijnor		Ganga
104.	Chunar		Ganga
105.	Etawah		Yamuna
106.	Farrukkabad		Ganga
107.	Garmukteshwar		Ganga

1	2	3	4
108.	Ghaziabad		Yamuna
109.	Ghazipur		Ganga
110.	Jaunpur	33	Gomti
111.	Kanpur		Ganga
112.	Lucknow		Gomti
113.	Mathura		Yamuna
114.	Mirzapur		Ganga
115.	Mugal Sarai		Ganga
116.	Muzaffar Nagar		Yamuna
117.	Noida		Yamuna
118.	Saharanpur		Yamuna
119.	Saidpur		Ganga
120.	Sultanpur		Gomti
121.	Varanasi		Ganga
122.	Vrindavan		Yamuna
XIX	**UTTARANCHAL**		
123.	Badrinath		Ganga
124.	Deo Prayag		Ganga
125.	Gopeshwar		Ganga
126.	Haridwar & Rishikesh		Ganga
127.	Joshimath		Ganga
128.	Karna Prayag		Ganga
129.	Ranipur		Ganga
130.	Rudra Prayag		Ganga

1	2	3	4
131.	Srinagar		Ganga
132.	Uttar Kashi		Ganga
XX	**WEST BENGAL**		
133.	Andal		Damodar
134.	Asansol		Damodar
135.	Badreshwar & Champdani		Ganga
136.	Baidyabati		Ganga
137.	Bansberia		Ganga
138.	Barrackpore		Ganga
139.	Budge-Budge		Ganga
140.	Chakdah		Ganga
141.	Circular Canal		Ganga
142.	Dhulian		Ganga
143.	Diamond Harbour		Ganga
144.	Durgapur		Damodar
145.	Garulia		Ganga
146.	Goyespur, Halilshar & Kanchanpara		Ganga
147.	Jangipur		Ganga
148.	Jijganj Azimganj		Ganga
149.	Katwa		Ganga
150.	Kharda (Extended)		Ganga
151.	Konnagar		Ganga
152.	Maheshtala		Ganga
153.	Murshidabad		Ganga
154.	Naihati		Ganga
155.	North Barrackpore		Ganga
156.	Raniganj		Ganga
157.	Rishra		Ganga
158.	Tolly's Nallah		Ganga
159.	Uttarpara Kotrung		Ganga
160.	Siliguri	34	Mahananda